

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/575,805
Source: JFWO
Date Processed by STIC: 02/22/2007

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IFWO

RAW SEQUENCE LISTING

DATE: 02/22/2007

PATENT APPLICATION: US/10/575,805

TIME: 13:37:31

Input Set : E:\22329-Sequence Listing.txt

Output Set: N:\CRF4\02222007\J575805.raw

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3 <110> APPLICANT: Roche Molecular Systems
5 <120> TITLE OF INVENTION: Method for Distinguishing T(11Q23)MLL-Positive Leukemias
from
6      T(11Q23)MLL Negative Leukemias
8 <130> FILE REFERENCE: 22329-US
10 <140> CURRENT APPLICATION NUMBER: US 10/575,805
C--> 11 <141> CURRENT FILING DATE: 2006-04-13
13 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/012462
14 <151> PRIOR FILING DATE: 2003-11-04
16 <160> NUMBER OF SEQ ID NOS: 239
18 <170> SOFTWARE: PatentIn version 3.4
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 491
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
26 <220> FEATURE:
27 <221> NAME/KEY: misc_feature
28 <223> OTHER INFORMATION: n = any nucleotide
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33 aagaaacaga acactggctc aaagaaaagc aataaaaata agagtggcaa gaaccagttt      120
35 aacagaggtg gtggccatag aggacgtgga ggattcaata tgcgtgggtg aaatttcaga      180
37 ggaggagccc ctgggaatcg tggcggatat aataggaggg gcaacatgcc acagagaggt      240
39 ggtggcggtg gaggaagtgg tggaatcggc tatccatacc ctcgtgcccc tgtttttcct      300
41 ggccgtggtg gttactcaaa cagagggaac tacaacagag gtggaatgcc caacagaggg      360
43 aactacaacc agaacttcag aggacgagga aacaatcgtg gctacaaaaa tcaatctcag      420
45 ggctacaacc agtggcagca gggccaattc tggggtcaga agccatggag tcagcattat      480
47 caccaaggat a                                     491
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51 <211> LENGTH: 307
52 <212> TYPE: DNA
53 <213> ORGANISM: Homo sapiens
55 <400> SEQUENCE: 2
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58 cgctttctac actgtattac ataaataaat taaataaaat aaccccgggc aagacttttc      120
60 tttgaaggat gactacagac attaaataat cgaagtaatt ttgggtgggg agaagaggca      180
62 gattcaattt tctttaacca gtctgaagtt tcatattatga tacaaaagaa gatgaaaatg      240
64 gaagtggcaa tataagggga tgaggaaggc atgcctggac aaacccttct tttaagatgt      300
66 gtcttca                                     307
69 <210> SEQ ID NO: 3
70 <211> LENGTH: 519
71 <212> TYPE: DNA
72 <213> ORGANISM: Homo sapiens
74 <400> SEQUENCE: 3

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75 gtttggaact ttaatagcgt tgcaacgaaa tcctatatcc agtttcctgt aatttaattg      60
77 aagaaaaata catccaaata aagactttat tattaacaga ccagatagca tcagaaatca      120
79 tgtgactgtt atgattatca gaatatgtct taacttttta gggcaaagtt aacctgaaa      180
81 gttctagctt aagtgttgaa acttttgtgg gaaaaaaaaa tcacttttga aactcagact      240
83 tcagtgtata cccaataatt taaaattatg tgaaatgttt taaatttgtg aactcgtaat      300
85 tactgtttta atgattcagt ttcttcagag tggttaattgt ataaaattgc tattgcagct      360
87 ttatattcaa tatgatgtgc ctgtaaacca aggagttttc cccgtttgta aaaagacatt      420
89 gtagataatt gaatgtttga ttttagaaag gtcattagtt tcttgttaca cattttggtta      480
91 gtctggtttt tgttgcttat cgggtttaat attgttctt      519
94 <210> SEQ ID NO: 4
95 <211> LENGTH: 140
96 <212> TYPE: DNA
97 <213> ORGANISM: Homo sapiens
99 <400> SEQUENCE: 4
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102 tctattctct aaataatgat ggggctaagt tatacccaa gtcacttta caaaatattt      120
104 ctcagtact ttgcagaaaa      140
107 <210> SEQ ID NO: 5
108 <211> LENGTH: 425
109 <212> TYPE: DNA
110 <213> ORGANISM: Homo sapiens
112 <400> SEQUENCE: 5
113 gtcatatcat ttcactgtct aggctacaac aggattctag gtggagggtg tgcattgtgt      60
115 cctttttatc tgatctgtga ttaaagcagt aatattttta gatggactgg gaaaaacatc      120
117 aactcctgaa gttagaaata agaattggtt gtaaaatcca cagctatatc ctgatgctgg      180
119 atggtattaa tcttggttag tcttcaactg gttagtgtga aatagtctcg ccacctctga      240
121 cgcaccactg ccaatgctgt acgtactgca tttgcccctt gagccagggt gatgtttacc      300
123 gtgtgttata taacttcctg gtccttcac tgaacatgcc tagtccaaca ttttttccca      360
125 gtgagtcaca tctctgggatc cagtgtataa atccaatatc atgtcttggt cataattctt      420
127 ccaaa      425
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131 <211> LENGTH: 454
132 <212> TYPE: DNA
133 <213> ORGANISM: Homo sapiens
135 <400> SEQUENCE: 6
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138 gtgggtgtct tgtgtccgct tctcgcccaa cagcagcaac cctatcatcg tctcctgtgg      120
140 ctgggacaag ctggtcaagg tatggaacct ggctaactgc aagctgaaga ccaaccacat      180
142 tggccacaca ggctatctga acacggtgac tgtctctcca gatggatccc tctgtgcttc      240
144 tggaggcaag gatggccagg ccatgttatg ggatctcaac gaaggcaaac acctttacac      300
146 gctagatggt ggggacatca tcaacgacct gtgcttcagc cctaaccgct actggctgtg      360
148 tctgcccaca ggccccagca tcaagatctg ggatttagag ggaaagatca ttgtagatga      420
150 actgaagcaa gaagttatca gtaccagcag caag      454
153 <210> SEQ ID NO: 7
154 <211> LENGTH: 373
155 <212> TYPE: DNA
156 <213> ORGANISM: Homo sapiens
158 <400> SEQUENCE: 7
159 atcagggtat ttgttcacc ttggccaggc ctctcggag aagcttgtcc cccgtgtggg      60

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161 agggacggag ccggactgga catggtcact cagtaccgcc tgcagtgtcg ccatgactga 120
163 tcatggctct tgcatttttg ggtaaattgga gacttccgga tcctgtcagg gtgtccccc 180
165 tgcctggaag aggagctggt ggctgccagc cctggcggcg gcacagcctg ggccctccct 240
167 tccctcaagc cagggtcct cctcctgtcg tgggtcatt tgccaggctc aggccaggctc 300
169 tggacagctg tgactctcct caagccagga ctaccgacca gccggctatg ggcacattac 360
171 gtgaccactg gcc 373
174 <210> SEQ ID NO: 8
175 <211> LENGTH: 494
176 <212> TYPE: DNA
177 <213> ORGANISM: Homo sapiens
179 <400> SEQUENCE: 8
180 agtgccgaca ggacgggtcat tgattacaac ggggaacgca cgctggatgg ttttaagaaa 60
182 ttcctagaga gcggtggcca agatggggca ggggatgttg acgacctcga ggacctcgaa 120
184 gaagcagagg agccagacat ggaggaagac gatgaccaga aagctgtgaa agatgaactg 180
186 taatacgtca agccggaccc gggcgctgcc gagaccctc gggggctgca caccagcag 240
188 cagcgacgc ctccgaagcc tgcggcctcg cttgaaggag ggcgtcgccg gaaacccaag 300
190 gaacctctct gaagtgtcac ctcaccctta cacaccgtcc gttcaccccc gtctcttcct 360
192 tctgtctttt ggtttttgga aaaccggat cctactctag gcagcccacc ttggtgggct 420
194 tgtttcttga aacctgatg tactttttca tacatgagtc tgtccagagt gcttgctacc 480
196 gtgttcggag tctc 494
199 <210> SEQ ID NO: 9
200 <211> LENGTH: 434
201 <212> TYPE: DNA
202 <213> ORGANISM: Homo sapiens
204 <400> SEQUENCE: 9
205 cctacttcgg tatctatgac actgcaaagg gaatgcttcc ggatcccaag aacactcaca 60
207 tcgtcatcag ctggatgatc gcacagactg tctactgtgt tgccgggttg acttctatc 120
209 catttgacac cgttcgccgc cgcgatgatg tgcagtcagg gcgcaaagga actgacatca 180
211 tgtacacagg cacgcttgac tgctggcgga agattgtctg tgatgaagga ggcaaagctt 240
213 ttttcaaggg tgcattgtcc aatgttctca gaggcattgg tgggtgcttt gtgcttgtct 300
215 tgtatgatga aatcaagaag tacacataag ttatttctta ggatttttcc ccctgtgaac 360
217 aggcattgtg tattctataa cacaatcttg agcattcttg acagactcct ggctgtcagt 420
219 ttctcagtgg caac 434
222 <210> SEQ ID NO: 10
223 <211> LENGTH: 416
224 <212> TYPE: DNA
225 <213> ORGANISM: Homo sapiens
227 <400> SEQUENCE: 10
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230 tgcagggtt ctctctctct gtcttttggga gaaccagggc tcttctcagg ggtcttaggg 120
232 actgccaggc tgtttcagcc aggaaggcca aaatcaagag tgagatgtag aaagtgtgaa 180
234 aatagaaaaa gtggagttgg tgaatcggtt gttctttcct cacatttggga tgattgtcat 240
236 aagggtttta gcatgttcct ctttttcttc accctcccct ttgttcttct attaatcaag 300
238 agaaacttca aagttaatgg gatggtcgga tctcacaggc tgagaactcg ttcacctcca 360
240 agcatttcat gaaaaagctg cttcttatta atcatacaaa ctctcaccat gatgtg 416
243 <210> SEQ ID NO: 11
244 <211> LENGTH: 415
245 <212> TYPE: DNA
246 <213> ORGANISM: Homo sapiens

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251 agaccgatata gtcaaaaatta agcgttaactg gcggaaaaccc agaggcattg acaacagggt      120
253 tcgtagaaga ttcaagggcc agatcttgat gcccaacatt ggttatggaa gcaacaaaaa      180
255 aacaaagcac atgctgcccc gtggcttccg gaagttcctg gtccacaacg tcaaggagct      240
257 ggaagtgtg ctgatgtgca acaaacttta ctgtgccgag atcgctcaca atgtttcctc      300
259 caagaaccgc aaagccatcg tggaaaagagc tgcccaactg gccatcagag tcaccaaccc      360
261 caatgccagg ctgctgcagtg aagaaaatga gtaggcagct catgtgcacg tttttc      415
264 <210> SEQ ID NO: 12
265 <211> LENGTH: 423
266 <212> TYPE: DNA
267 <213> ORGANISM: Homo sapiens
269 <400> SEQUENCE: 12
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272 aaggaaaaaa agaaaaaaac cttatctctt gcccttattt tgaattttcc actctttcat      120
274 taatttggtt taagctcctg ttggaaaaaa aggggtagtg cattttaaat tgaccttcat      180
276 acgcttttaa aataagacaa atctacttga taatgtacct ttatttgatc tcaagttgta      240
278 taaaaccaat aaatttggtg tactgcagta gtaatcttat gcacacgggtg atttcatgtt      300
280 atatatgcaa agtaggcaac tgttttctta gttacagaag tttcaagcht cacttttggt      360
282 cagtagaaac aaaagtaggc tacagtctgt gccatgttga tgtacagttt ctgaaattgt      420
284 ttt      423
287 <210> SEQ ID NO: 13
288 <211> LENGTH: 358
289 <212> TYPE: DNA
290 <213> ORGANISM: Homo sapiens
292 <400> SEQUENCE: 13
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295 aaaagacaga agccttgact tctgctaagc ggtacatcga gacggaccca gccaatcggg      120
297 atcggcggac gcccatcacc gtggtgaagc aaggcttga gcctccctcc tttgtgggct      180
299 ggttccttgg ctgggatgat gattactggt ctgtggaccc cttggacagg gccatggctg      240
301 agctggctgc ctgaggaggg gcagggccca cccatgtcac cggtcagtgc cttttggaac      300
303 tgtccttccc tcaaagaggc cttagagcga gcagagcagc tctgctatga gtgtgtgt      358
306 <210> SEQ ID NO: 14
307 <211> LENGTH: 529
308 <212> TYPE: DNA
309 <213> ORGANISM: Homo sapiens
311 <400> SEQUENCE: 14
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314 gggaaagaag ctcagtttgc cagcataagt gccaaagacc atcaccagca tctgtccttc      120
316 aggggtgctc gacagaattc ttaccacagc aaaggcataa gatgcttgat acggaaaatc      180
318 agaaacttaa ctcttttggt gcagatagtc atcagtggtc ctgtaaaaac gcagaggaaa      240
320 agagccagaa ggtttctggt taatgcatct tgccttatct ttttttatta ctgtgtacaa      300
322 agattttttt acacaaagaa acttaatgct gtattaataa attcagtggt tagcttcaat      360
324 tgggatagtt ccaaaagtga agattttgtg aggaataagt gcaaattttt tttttatttt      420
326 aaaaaattct ttgaaactct taagtctttg tgtctgcaat gaaattgtac tccttgacag      480
328 ttgatagatt atgtattctt ccattcctca aacttgcatt ccactatat      529
331 <210> SEQ ID NO: 15
332 <211> LENGTH: 529
333 <212> TYPE: DNA

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Input Set : E:\22329-Sequence Listing.txt

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334 <213> ORGANISM: Homo sapiens
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339 ggctgcccga atttgtgcca ataagtacat ggtaaaaagt tgtggcaaag atggcttcca      120
341 tatccgggtg cggctccacc ccttccacgt catccgcac aacaagatgt tgtcctgtgc      180
343 tggggctgac aggtccaaa caggcatgcg aggtgccttt ggaaagcccc agggcactgt      240
345 ggccagggtt cacattggcc aagttatcat gtcctccgc accaagctgc agaacaagga      300
347 gcatgtgatt gaggcctgc gcagggccaa gttcaagttt cctggccgcc agaagatcca      360
349 catctcaaag aagtggggct tcaccaagtt caatgctgat gaatttgaag acatggtggc      420
351 tgaaaagcgg ctcctcccag atggctgtgg ggtcaagtac atccccagtc gtggccctct      480
353 ggacaagtgg cgggccctgc actcatgagg gcttccaatg tgctgcccc      529
356 <210> SEQ ID NO: 16
357 <211> LENGTH: 393
358 <212> TYPE: DNA
359 <213> ORGANISM: Homo sapiens
361 <400> SEQUENCE: 16
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364 gtgggctgct ctgttcataa gggctttgcc ttcgttcagt atgttaatga gagaaatgcc      120
366 cgggctgctg tagcaggaga ggatggcaga atgattgctg gcnaggtttt agatattcac      180
368 ctggctgcag agccaaaagt gaaccgagga aaagcagggt tgaaacgac tgcagcggag      240
370 atgtacggct cctcttttga cttggactat gactttcaac gggactatta tgataggatg      300
372 tacagttacc cagcacgtgt acctctcct cctcctattg ctcgggctgt agtgcctcgc      360
374 aaacgtcagc gtgtatcagg aaacattca cga      393
377 <210> SEQ ID NO: 17
378 <211> LENGTH: 496
379 <212> TYPE: DNA
380 <213> ORGANISM: Homo sapiens
382 <400> SEQUENCE: 17
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385 gccaggatata atgtaacttc accccagcct ttgtactaag ctcttgatag tggatatact      120
387 cttttaagtt tagccccaat atagggtaat ggaaatttcc tgccctctgg gttccccatt      180
389 tttactatta agaagaccag tgataattta ataatgccac caactctggc ttagttaagt      240
391 gagagtgtga actgtgtggc aagagagcct cacacctcac taggtgcaga gagcccaggc      300
393 cttatgttaa aatcatgcac ttgaaaagca aaccttaatc tgcaaagaca gcagcaagca      360
395 ttatacggtc atcttgaatg atccctttga aatttttttt ttgtttgttt gtttaaatca      420
397 agcctgaggc tgggtgaacag tagctacaca cccatattgt gtgttctgtg aatgctagct      480
399 ctcttgaatt tggata      496
402 <210> SEQ ID NO: 18
403 <211> LENGTH: 534
404 <212> TYPE: DNA
405 <213> ORGANISM: Homo sapiens
407 <400> SEQUENCE: 18
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410 tccaggcagc caagaacttg atgaatgctg tgggtgcagac agtgaaggca tcctacgtcg      120
412 cctctaccaa atacaaaag tcacagggtg tggcttcctt caaccttctt gctgtgtcat      180
414 ggaagatgaa ggcaccagag aaaaagccat tgggtgaagag agagaaacag gatgagacac      240
416 agaccaagat taaacgggca tctcagaaga agcacgtgaa cccggtgcag gccctcagcg      300
418 agttcaaagc tatggacagc atctaagtct gcccaggccg gccgccccca cccctcgggg      360
420 ctctgaata tcagtcactg ttcgtcactc aatatgaatt gctaaatata aactgatac      420

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/575,805

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:26; N Pos. 174,389

Seq#:32; N Pos. 36

Seq#:33; N Pos. 105,112,127,141

Seq#:40; N Pos. 35

Seq#:55; N Pos. 34,104,141,152,174,177,197,202,204,206,232,235,244,271,303

Seq#:55; N Pos. 312,315,349,354,384,389,400,407,415,423,499

Seq#:72; N Pos. 37,177

Seq#:86; N Pos. 297,298

Seq#:96; N Pos. 321,322

Seq#:122; N Pos. 231

Seq#:124; N Pos. 287

Seq#:156; N Pos. 277

Seq#:160; N Pos. 76

Seq#:163; N Pos. 66

Seq#:165; N Pos. 190,191,192,194,195,196,197,198,199,200,308

Seq#:191; N Pos. 182,475,514,515

Seq#:209; N Pos. 148

Seq#:216; N Pos. 57,58,59,183,303,305,316,389,404

VERIFICATION SUMMARY

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Input Set : E:\22329-Sequence Listing.txt

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:120
L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:360
L:744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60
L:777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:120
L:936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
L:1297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:60
L:1299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:120
L:1301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:180
L:1303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:240
L:1305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:300
L:1307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:360
L:1309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:420
L:1311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:480
L:1684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
L:1688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:120
L:2002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:240
L:2240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:300
L:2836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:180
L:2894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:240
L:3644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:240
L:3744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:160 after pos.:60
L:3825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:60
L:3881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:180
L:3885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:300
L:4503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:180
L:4511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:420
L:4513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:480
L:4947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:120
L:5124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:0
L:5130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:180
L:5134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:300
L:5136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:360